

## 8-HOUR OZONE DESIGNATION CRITERIA EVALUATION

	<b>EPA Criteria (3/28/2000 Seitz memo)</b>	<b>ADEQ Analyses</b>	<b>Tentative Information Used</b>
<b>1</b>	Emissions & air quality in adjacent areas	Estimate background concentrations	Ambient monitoring & WRAP modeling
<b>2</b>	Population density & degree of urbanization, including commercial development	Define urbanized Phoenix area & map population & land use	MAG land use, current & future
<b>3</b>	Monitoring data representing ozone concentrations in local areas	Identify recent violations & near-violations, as well as trends	Ambient monitoring data
<b>4</b>	Location of emissions sources	Assess gridded emission inventories.	MAG & WRAP inventories.
<b>5</b>	Traffic & commuting patterns	Evaluate traffic on incoming highways from areas of new development	ADOT traffic counts
<b>6</b>	Expected growth	Evaluate emissions growth	MAG & WRAP future emission inventories
<b>7</b>	Meteorology	Evaluate formation & transport of ozone	Air quality modeling
<b>8</b>	Geography/topography	Evaluate transport	Air quality modeling
<b>9</b>	Jurisdictional boundaries	Overlay on technical result	GIS
<b>10</b>	Level of control of emissions sources	Compile current & future VOC & NO <sub>x</sub> regulations	Federal, state, & local regulations
<b>11</b>	Regional emission reductions	Compile current & future VOC & NO <sub>x</sub> regulations for adjacent states	Appropriate state & local regulations

(February 3, 2003)